

03/12/99  
JC526 U.S. PTO

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09/266935  
03/12/99

\*BAR OTHER THAN D.C.  
\*\*REGISTERED PATENT AGENTS

March 12, 1999

WRITER'S DIRECT NUMBER:

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INTERNET ADDRESS:

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Assistant Commissioner for Patents  
Washington, D.C. 20231

*Box Patent Application*

Re: U.S. Non-Provisional Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. To be assigned; Filed: Herewith  
For: **Compositions and Methods for Enhanced Synthesis of Nucleic Acid  
Molecules**  
Inventor(s): LI *et al.*  
Our Ref: 0942.4560001/RWE/BJD

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal Form (PTO/SB/05);
2. Authorization to Treat a Reply As Incorporating An Extension of Time Under  
37 C.F.R. § 1.136(a)(3) (in duplicate);
3. U.S. Utility Patent Application entitled:

**Compositions and Methods for Enhanced Synthesis of Nucleic Acid  
Molecules**

and naming as inventors:

Wu-Bo LI  
Joel A. JESSEE

The PTO did not receive the following  
listed item(s) 2 postcard  
only one postcard

Assistant Commissioner for Patents  
March 12, 1999  
Page 2

David SCHUSTER  
Jiulin XIA  
Gulilat GEBEYEHU

the application consisting of:

- a. A specification containing:
  - i. 53 pages of description prior to the claims;
  - ii. 8 pages of claims (29 claims);
  - iii. a one (1) page abstract;

- b. 13 sheets of drawings: (Figures 1-13); and

7. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Brian J. Del Buono  
Agent for Applicants  
Registration No. 42,473

Please type a sign(+) inside box

PTO/SB/05 (2/98)

Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY PATENT APPLICATION TRANSMITTAL**  
*(Only for new nonprovisional applications under 37 CFR § 1.53(b))*

Attorney Docket No.	0942.4560001/RWE/BJD
First Inventor or Application Identifier	Li
Title	Compositions and Methods for Enhanced Synthesis of Nucleic Acid Molecules
Express Mail Label No.	

**APPLICATION ELEMENTS**  
*See MPEP chapter 600 concerning utility patent application contents.*

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Specification [Total Pages 62]   
*(preferred arrangement set forth below)*  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (*if filed*)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 13]
4.  Oath or Declaration [Total Pages 1]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional with Box 17 completed*)  
*[Note Box 5 below]*
5.  Incorporation By Reference (*useable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

ADDRESS TO:  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

6.  Microfiche Computer Program (*Appendix*)
7. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers (cover sheet & document(s))
9.  37 CFR 3.73(b) Statement (when there is an assignee)  Power of Attorney
10.  English Translation Document (*if applicable*)
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Two Return Receipt Postcards (MPEP 503) (*Should be specifically itemized*)
14.  \*Small Entity Statement(s) (*PTO/SB/09-12*)  Statement filed in prior application, Status still proper and desired
15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16.  Other: 37 C.F.R. § 1.136(a)(3) Authorization  
 Other:

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation     Divisional

Continuation-in-Part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

*(Insert Customer No. or Attach bar code label here)*

or  Correspondence address below

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NAME (Print/Type) Brian J. Del Buono

Registration No. (Attorney/Agent)

42,473

SIGNATURE *Brian J. Del Buono*

Date

March 12, 1999

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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09/266935  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

LI *et al.*

Appl. No. To be assigned

Filed: Herewith

For: **Compositions and Methods for  
Enhanced Synthesis of Nucleic  
Acid Molecules**

Art Unit: To be assigned

Examiner: To be assigned

Atty. Docket: 0942.4560001/RWE/BJD

**Authorization To Treat A Reply As Incorporating An Extension Of Time  
Under 37 C.F.R. § 1.136(a)(3)**

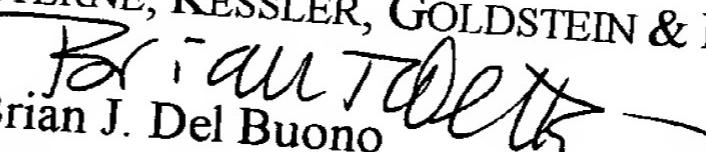
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono  
  
Agent for Applicants  
Registration No. 42,473

Date: March 12, 1999  
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